

FIG. 2



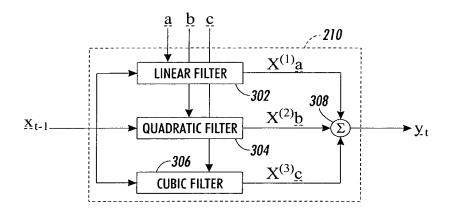


FIG. 3

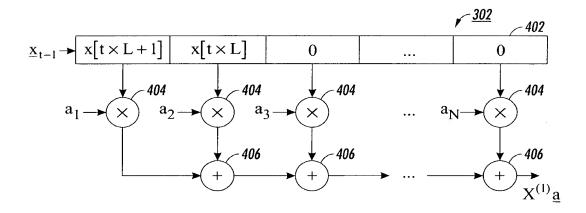


FIG. 4



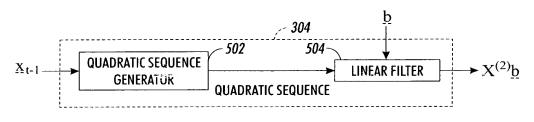


FIG. 5

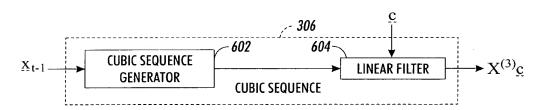


FIG. 6

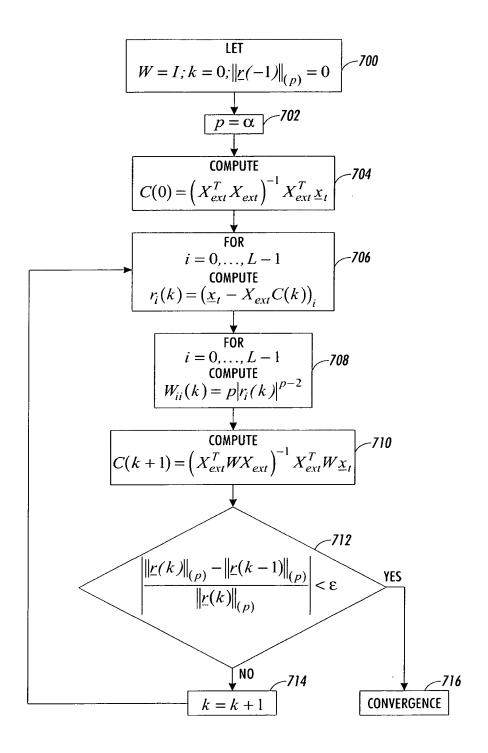


FIG. 7



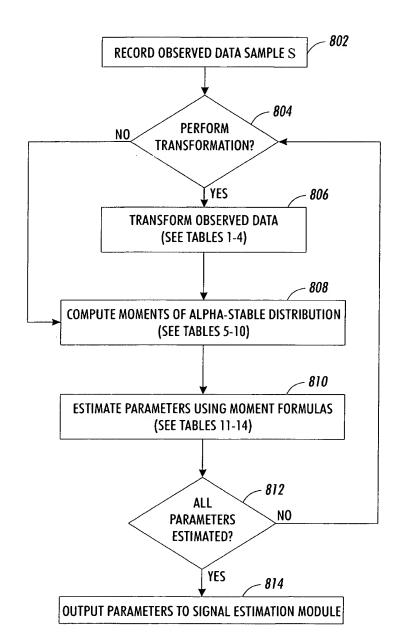


FIG. 8



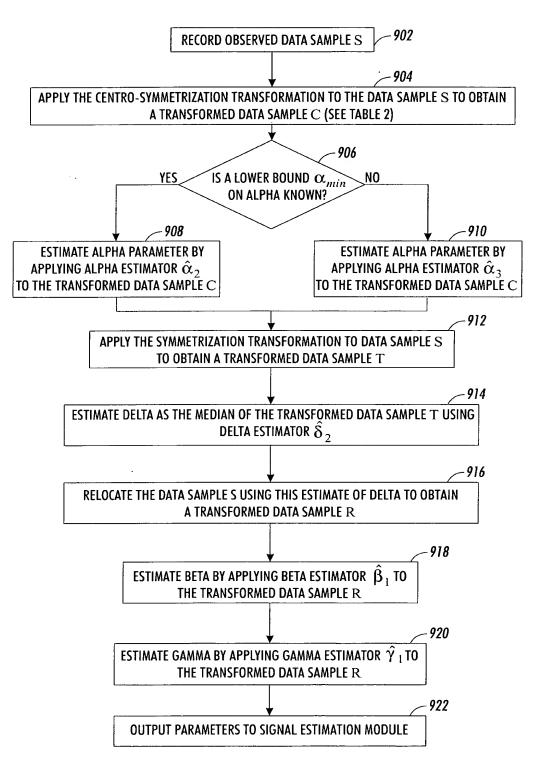


FIG. 9A



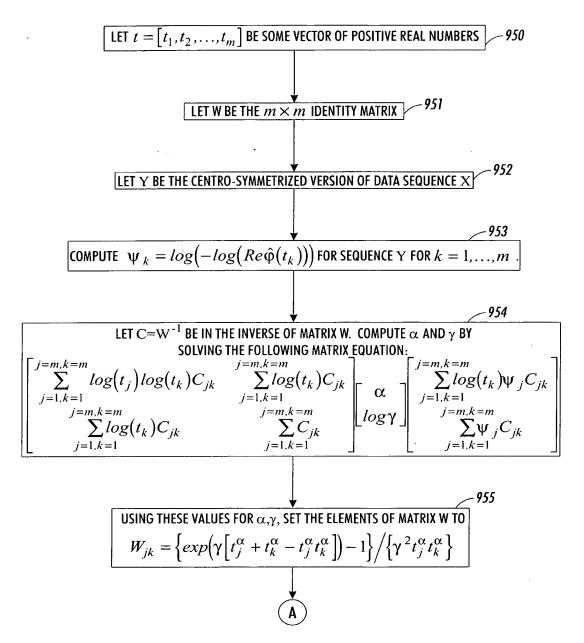


FIG. 9B



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REPEAT STEP 954 AND LET THE ESTIMATES OF  $lpha_{,\gamma}$  EQUAL THE SOLUTION TO THE MATRIX EQUATION

 $\omega_k = -Imlogig(\hat{\phi}ig(t_kig)ig)/t_k$  for sequence  $ext{X}$  for  $k=1,\ldots,m$ 

LET W BE THE m imes m identity matrix

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LET  $C{=}W^{-1}$  Be in the inverse of matrix w. Compute  $\beta$  and  $\delta$  by solving the following matrix equation:

USING THE COMPUTED VALUES FOR  $\beta$  and  $\delta$ , set the elements of matrix w to

WHERE  $k = \gamma \tan\left(\frac{\alpha\pi}{2}\right)$ 

 $\frac{1}{2\left(R_{s}^{2}+I_{s}^{2}\right)\!\left(R_{r}^{2}+I_{r}^{2}\right)\!\left(R_{s}^{2}+I_{r}^{2}\right)\!\left(I_{s}I_{r}-R_{s}R_{r}\right)+R_{s-r}\left(I_{s}I_{r}+R_{s}R_{r}\right)+I_{s+r}\left(I_{s}R_{r}+R_{s}I_{r}\right)+I_{s-r}\left(I_{s}R_{r}-R_{s}I_{r}\right)-4R_{s}I_{s}R_{r}I_{r}}\right\}}$ 

WHERE  $R_s = Reig(\phiig(t_sig)ig)$ ,  $I_s = Imig(\phiig(t_sig)ig)$ ,  $R_{s+r} = Reig(\phiig(t_s+t_rig)ig)$ ,  $etc.\ \phi(t) = expig(-\gamma|t|^aig(1+j\beta\tan\frac{\alpha\pi}{2}ig)+jt\delta$ 

REPEAT STEP 960 AND LET THE ESTIMATES OF  $eta, \delta$  EQUAL THE SOLUTION TO THE MATRIX EQUATION



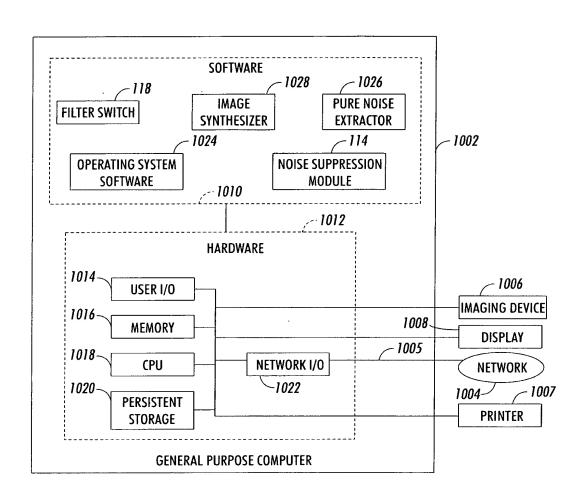


FIG. 10



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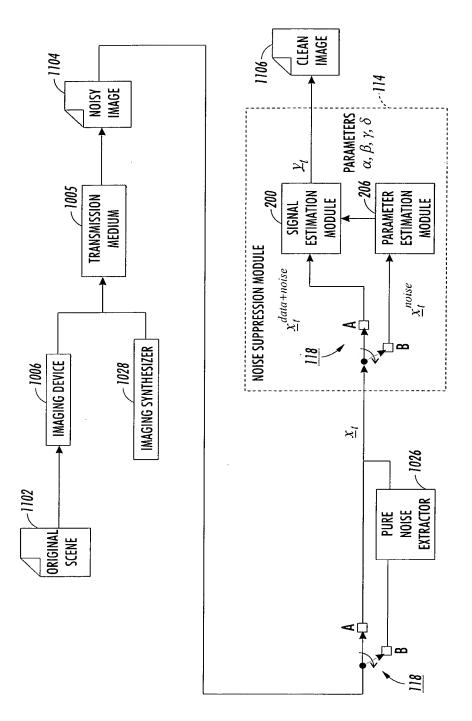


FIG. 11



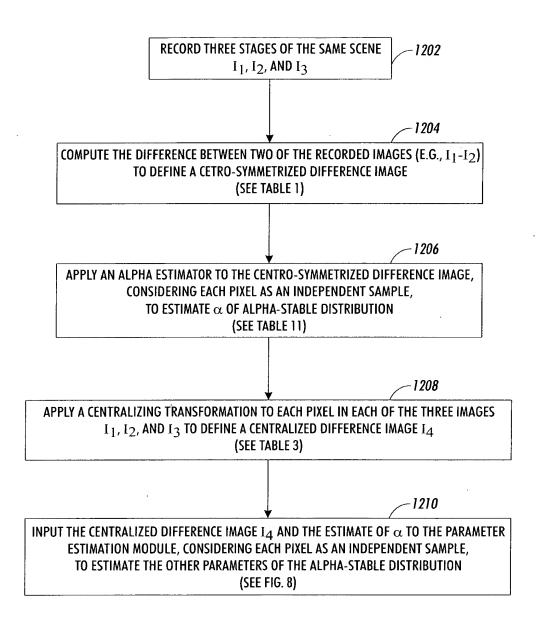


FIG. 12